

Mathematical Biosciences

an international journal

Volume 137

SUZANNE SUMNER (Fredericksburg, Virginia)	
Hopf Bifurcation in Pioneer-Climax Competing Species Models	1
DAVID N. STIVERS AND MAREK KIMMEL (Houston, Texas) AND DAVID E. AXELROD (Piscataway, New Jersey)	
A Discrete-Time, Multi-type Generational Inheritance Branching Process Model of Cell Proliferation	25
JOSEPH T. CHANG (New Haven, Connecticut)	
Full Reconstruction of Markov Models on Evolutionary Trees: Identifiability and Consistency	51
ERRATUM	74
K. A. J. WHITE, B. T. GRENFELL, R. J. HENDRY, O. LEJEUNE, AND J. D. MURRAY (Cambridge, United Kingdom)	
Effect of Seasonal Host Reproduction on Host-Macroparasite Dynamics	79
WILLIAM J. GIBB, MARY B. WAGNER, AND MICHAEL D. LESH (San Francisco/Berkeley, California)	
Modeling Triggered Cardiac Activity: An Analysis of the Interactions between Potassium Blockade, Rhythm Pauses, and Cellular Coupling	101
BOOK REVIEW	
J. M. CUSHING (Tucson, Arizona)	
Dynamic Energy Budgets in Biological Systems (S. A. L. M. Kooijman)	135
ANNOUNCEMENT	139
VOLUME CONTENTS	

Mathematical Biosciences

an international journal

Volume 137

SUZANNE SUMNER (Fredericksburg, Virginia)	
Hopf Bifurcation in Pioneer-Climax Competing Species Models	1
DAVID N. STIVERS AND MAREK KIMMEL (Houston, Texas) AND DAVID E. AXELROD (Piscataway, New Jersey)	
A Discrete-Time, Multi-type Generational Inheritance Branching Process Model of Cell Proliferation	25
JOSEPH T. CHANG (New Haven, Connecticut)	
Full Reconstruction of Markov Models on Evolutionary Trees: Identifiability and Consistency	51
ERRATUM	74
K. A. J. WHITE, B. T. GRENFELL, R. J. HENDRY, O. LEJEUNE, AND J. D. MURRAY (Cambridge, United Kingdom)	
Effect of Seasonal Host Reproduction on Host-Macroparasite Dynamics	79
WILLIAM J. GIBB, MARY B. WAGNER, AND MICHAEL D. LESH (San Francisco/Berkeley, California)	
Modeling Triggered Cardiac Activity: An Analysis of the Interactions between Potassium Blockade, Rhythm Pauses, and Cellular Coupling	101
BOOK REVIEW	
J. M. CUSHING (Tucson, Arizona)	
Dynamic Energy Budgets in Biological Systems (S. A. L. M. Kooijman)	135
ANNOUNCEMENT	139
VOLUME CONTENTS	

